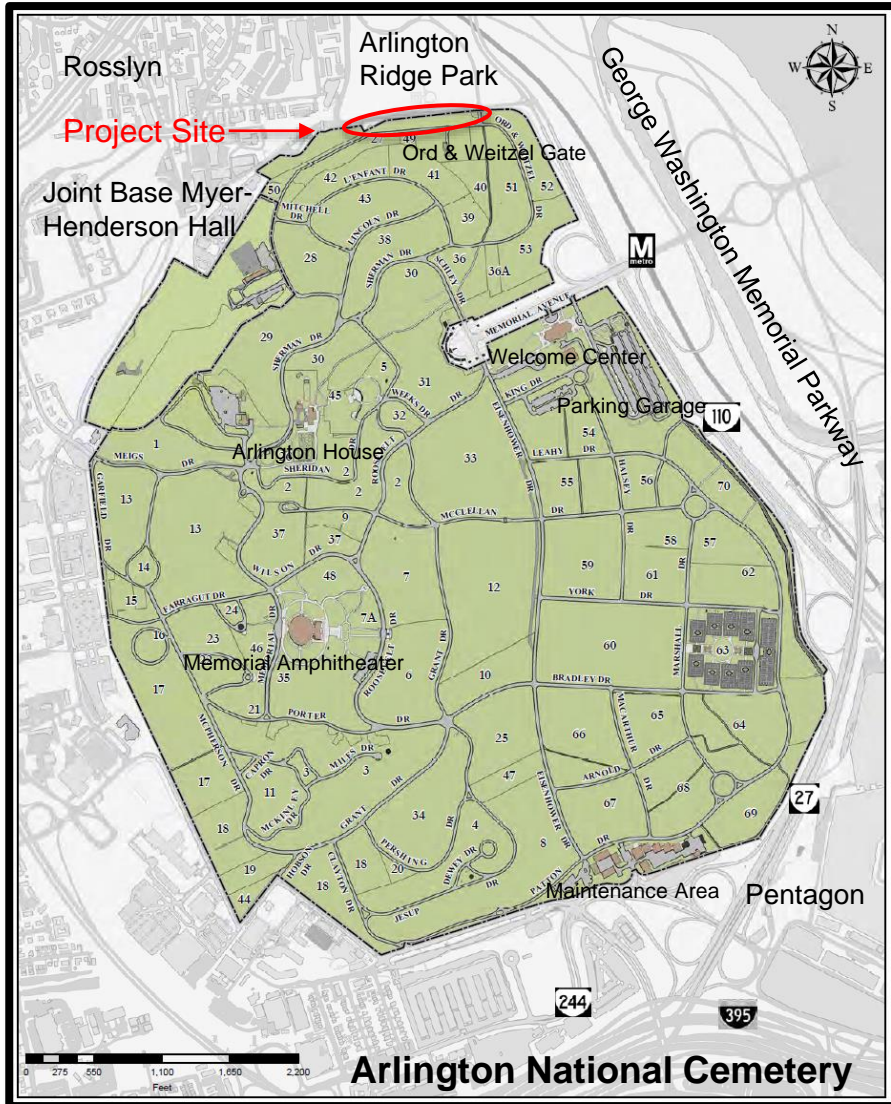


Arlington National Cemetery
North Boundary Security Fence Installation
Arlington, Virginia

PROJECT DESCRIPTION,
AREA OF POTENTIAL EFFECTS, and
ASSESSMENT OF EFFECTS

August 3, 2020



PROJECT DESCRIPTION

Arlington National Cemetery (ANC) proposes the installation of an eight-foot high black powder-coated steel picket fence along Marshall Drive which is outside the north boundary of the cemetery. Running parallel to and north of ANC's 1870s stone boundary wall, the fence will extend 1200 feet from east to west and will be set within a two and a half-foot to three-foot wide area of encroachment granted by Joint Base Myer-Henderson Hall (JBM-HH). The west section of the wall is on ANC land.

The fence design is identical to the one installed between JBM-HH and ANC in 2019. The eight-foot high fencing has one-inch square tube steel pickets set at four-inch centers with steel top and bottom rails. Five-inch square steel posts will be set at eight- to twelve-foot intervals. Locations of the posts will be adjusted to avoid trees and roots and minimize damage. Along fence runs with no trees or roots the fence posts are three-inch square tubes set at eight-foot centers. Bottom rail sizes vary depending on the span of the fence section.



Satellite Image of the north boundary area of Arlington National Cemetery. Proposed fence shown in red.

AREA OF POTENTIAL EFFECTS

The Area of Potential Effects (APE) for the proposed North Boundary Security Fence is shown on the satellite image to the left. The APE includes the project's limit of disturbance and the surrounding areas from where the security fence will be seen. Mature vegetation, including numerous large trees, surround and screen much of the project area. The APE accounts for direct and indirect effects resulting from the construction and permanent installation of the fence.

NATIONAL REGISTER CONTRIBUTING PROPERTIES IN THE APE

The historic properties in the APE's which contribute to Arlington National Cemetery's National Register (NR) District (DHR #000-0042) are:

- Sandstone Boundary Wall (DHR # 000-0042-0017)
- Lodge 2 (DHR # 000-0042-0002)
- Ord and Weitzel Drive (no DHR #)
- Headstones and Grave Markers (DHR #000-0042-0021)
- Custis Walk (no DHR #)
- Burial Sections 27, 40, 41, 42, 49, 51, and 52 (no DHR #)

The historic properties in the APE's which contribute to Arlington Ridge Park National Register District (DHR #000-9707) are:

- Netherlands Carillon (DHR # 000-1239)



Satellite View of Project Area.

APE outlined in yellow.

Security Fence location in red.

DETERMINATION OF EFFECTS

I assessed the effects of the proposed project using criteria defined in 36 CFR 800.5 “assessment of adverse effects” and determined the undertaking will have **no adverse effect** on the characteristics which qualify Arlington National Cemetery’s and Arlington Ridge Park’s historic districts for inclusion on the National Register of Historic Places.

ANC retains its historic views and vistas within the cemetery after construction of the proposed project. The historic location and elements within the districts are maintained. The historic boundary wall as well as headstones and circulation patterns remain unchanged. The cemetery continues to convey its historic significance as a military cemetery, and for its landscape architecture and architecture. There are no changes to the integrity of location, workmanship, feeling or associations of ANC’s National Register district.

Arlington Ridge Park National Register of Historic Places district is north of the project area. A portion of the park is within the APE. The security fence is visible from the top of the Netherlands Carillon and from the southern portion of Arlington Ridge Park. The fence is more apparent during winter months when leaves fall from surrounding trees and other plant materials are not in bloom. However, this change has no affect the current character of the park.

The project may have an effect on unknown archeological sites; however, the likelihood of disturbing a site is low. Prior ground disturbance for construction of Marshall Drive and installation of utilities in the median beside the road preclude intact archaeological deposits, and **no effects** to archaeological resources would result from the proposed undertaking of installing a security fence.

All work adheres to the Secretary of the Interior’s Standards for the Treatment of Historic Properties. The project team selected materials and sited the fence elements in a manner to avoid and minimize effects. I find the design avoids and/ or minimizes the direct, indirect, and cumulative effects to above- and below-ground historic properties and contributing elements in Arlington National Cemetery and Arlington Ridge Park National Register districts.

Rebecca L. Stevens
Cultural Resources Manager
Arlington National Cemetery

VIEWS IN THE AREA OF POTENTIAL EFFECTS



1. View of existing fence along the north boundary between Joint Base Myer-Henderson Hall and Arlington National Cemetery. Proposed security fence style, height, material, and color identical to existing.



2. Densely vegetated tree area north of the boundary wall. Security Fence will be placed unseen beyond the boundary wall on the north edge of the tree area.



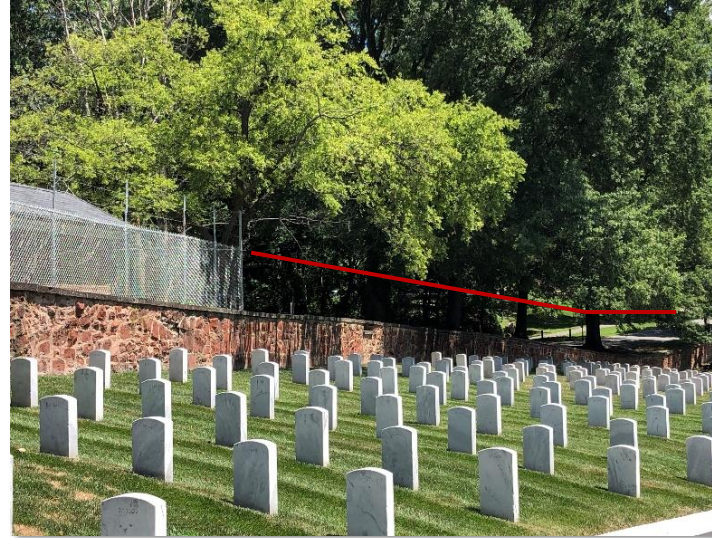
3. Tree area north of the boundary wall seen from Ord & Weitzel Drive culvert bridge. Security Fence will be placed on the north edge of the tree area.



VIEWS IN THE AREA OF POTENTIAL EFFECTS



4. View northeast to Pump Station from Ord & Weitzel Drive. Security Fence shown as a red line.



5. View northeast near southeast corner of Pump Station. Security Fence stops at Pump Station fence.



6. View northwest to tree area and Pump Station. Security Fence runs along boundary wall between west side of Pump Station and tree area.



VIEWS IN THE AREA OF POTENTIAL EFFECTS



7. View north to wooded area of Arlington Ridge Park along boundary wall of Arlington National Cemetery. Marshall Drive beyond wall.



8. View to the Arlington Ridge Park from Section 27 of the cemetery across Marshall Drive. Netherlands Carillon in background..



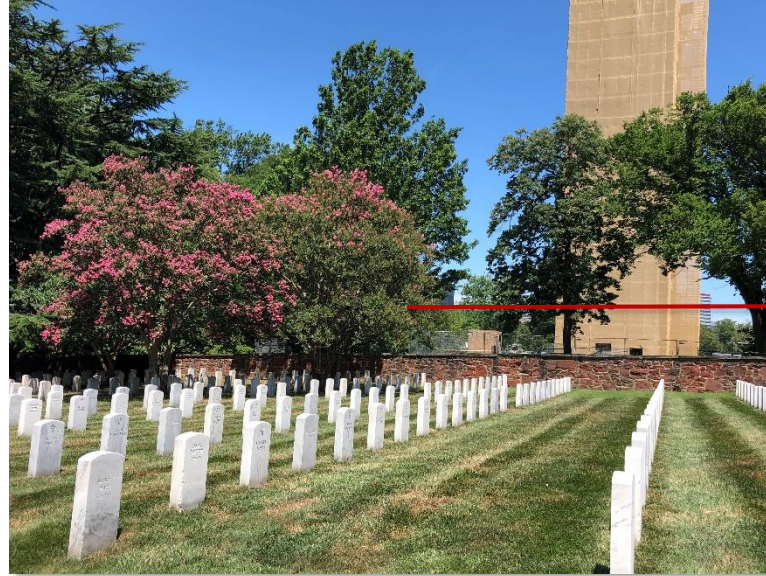
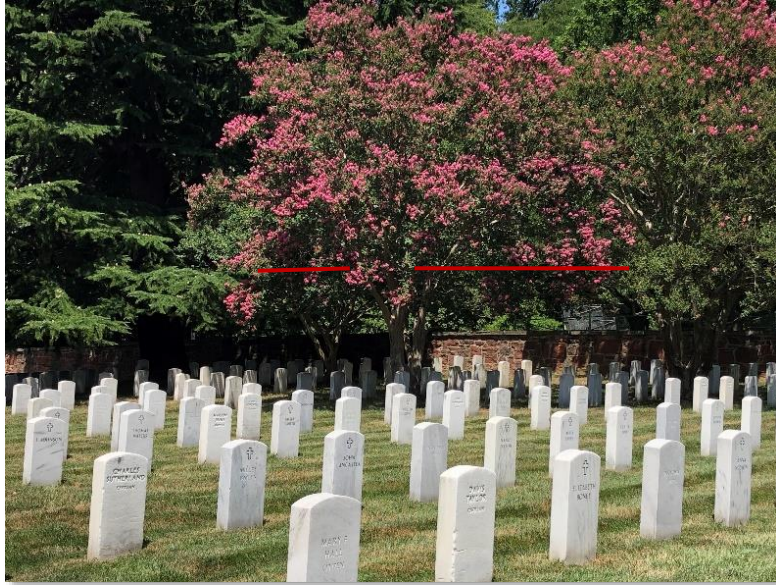
VIEWS IN THE AREA OF POTENTIAL EFFECTS



9, 10, and 11. View north to Netherlands Carillon (during rehabilitation) in Arlington Ridge Park from Section 27 of the cemetery. Marshall Drive runs behind boundary wall.



VIEWS IN THE AREA OF POTENTIAL EFFECTS



12, 13, and 14. View north to Arlington Ridge Park and Netherlands Carillon from Section 27 of the cemetery. Marshall Drive runs north of and hidden behind boundary wall.



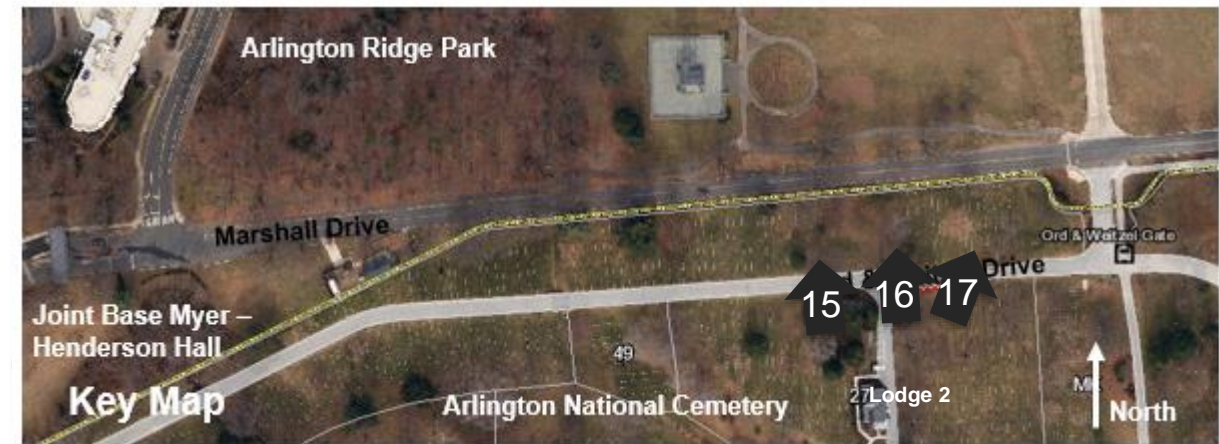
VIEWS IN THE AREA OF POTENTIAL EFFECTS



15 and 16. View north and northeast from Lodge 2 to Arlington Ridge Park. Marshall Drive runs north of and hidden beyond the boundary wall.



17. View north from Arlington National Cemetery to Arlington Ridge Park.



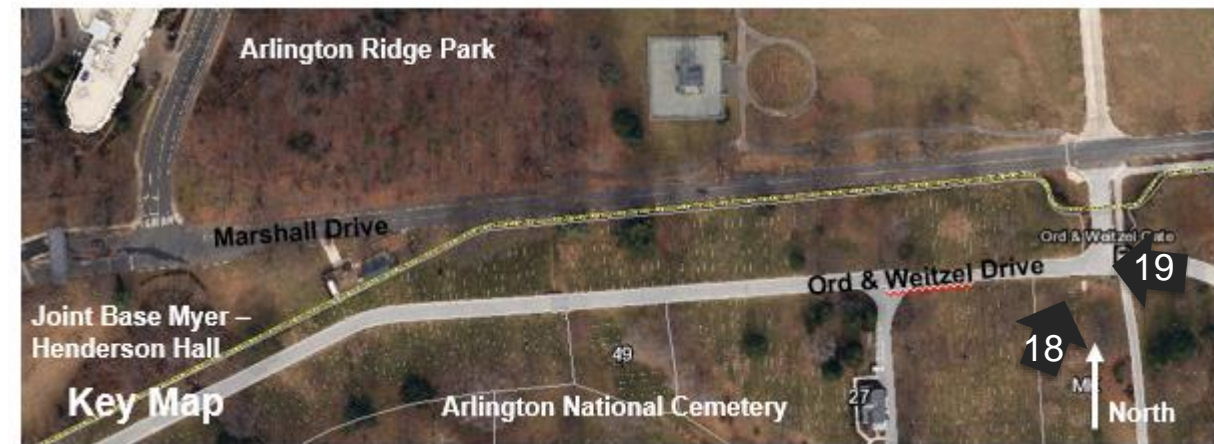
VIEWS IN THE AREA OF POTENTIAL EFFECTS



18. Illustration of Security Fence at the Ord and Weitzel entrance gate area. Viewed from the cemetery looking northeast to Arlington Ridge Park.



19. View northwest from the Ord & Weitzel Gate area to boundary wall and Netherland Carillon.





20. View south from Marshall Drive to the Ord and Weitzel Gate entrance into Arlington National Cemetery. Security Fence stands eight feet above grade and two to two and half feet from the boundary wall along Marshall Drive.



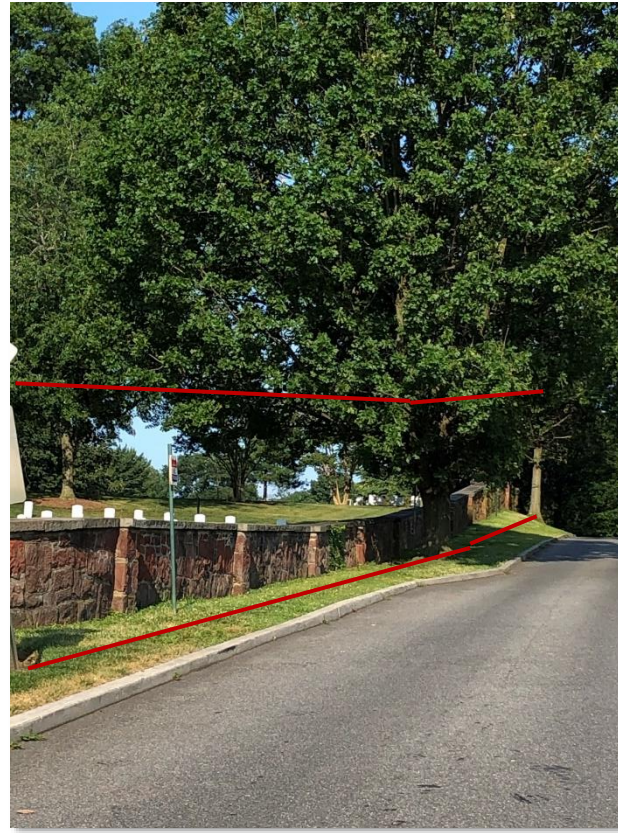
21 and 22. Views from Arlington Ridge Park access road to the southwest toward Security Fence between Marshall Drive and Arlington National Cemetery's north boundary).



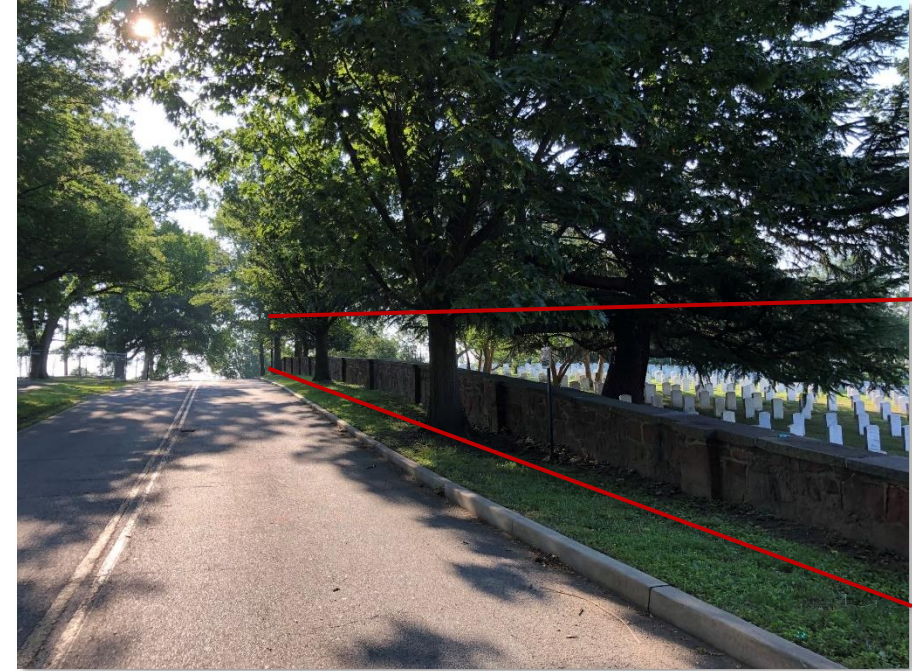
VIEWS IN THE AREA OF POTENTIAL EFFECTS



23. View west on Marshall Drive at Ord and Weitzel entrance to the cemetery. Security Fence stands eight feet above grade and two to two and half feet from the boundary wall along Marshall Drive.



24. View west on Marshall Drive.



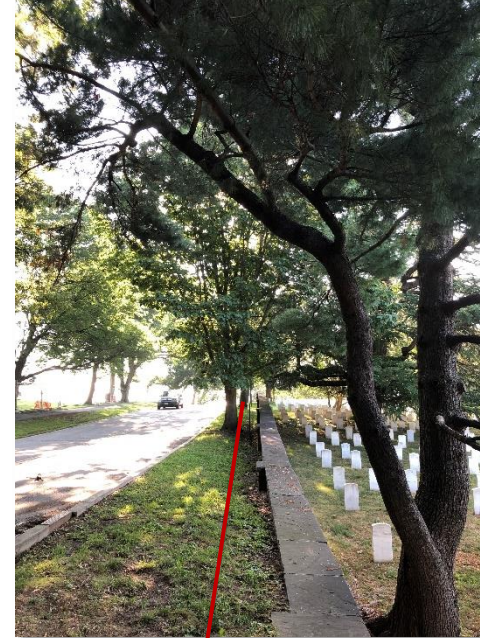
26. View east on Marshall Drive.



VIEWS IN THE AREA OF POTENTIAL EFFECTS



25. View to the west southwest to Section 27 in Arlington National Cemetery across Marshall Drive.



26 and 27. View east on median between north boundary wall for Arlington National Cemetery and Marshall Drive. Planned location of Security Fence indicated in red.



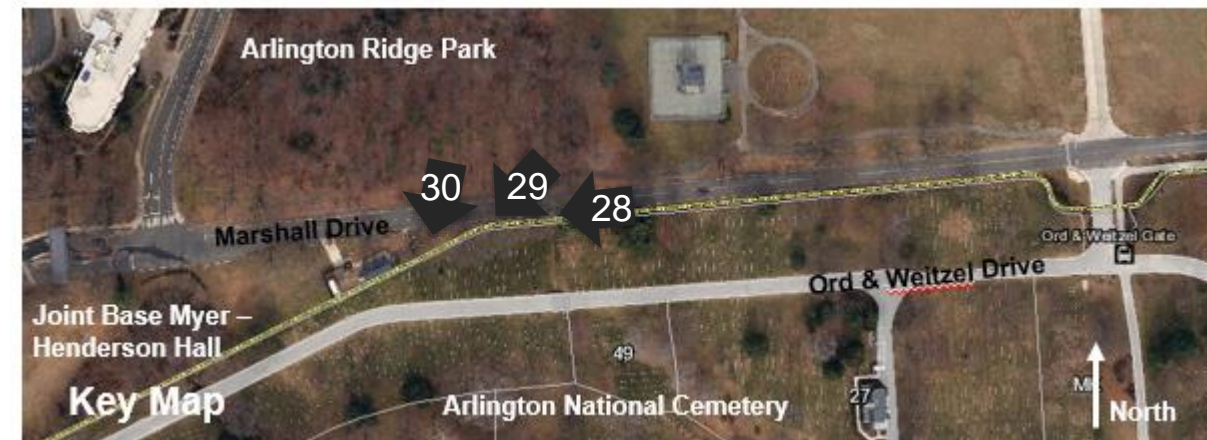
VIEWS IN THE AREA OF POTENTIAL EFFECTS



28 and 29 Views west on Marshall Drive towards Joint Base Myer-Henderson Hall entrance gate. Security Fence location is between the trees and cemetery boundary wall. Pump Station in background left of trees.



30. View south to Arlington National Cemetery from area east of Pumping Station. Security Fence stops at Water Pumping Station's chain link fence.





31. View east to Water Pump Station and into Arlington National Cemetery from tree area. Security Fence location is from the Pump Station to tree line.



32. View south to Arlington National Cemetery and east edge of tree area from Marshall Drive. Security fence transverses along the boundary wall, follows contour of the tree line, then curves towards the Joint Base Myer-Henderson Hall entrance gate.



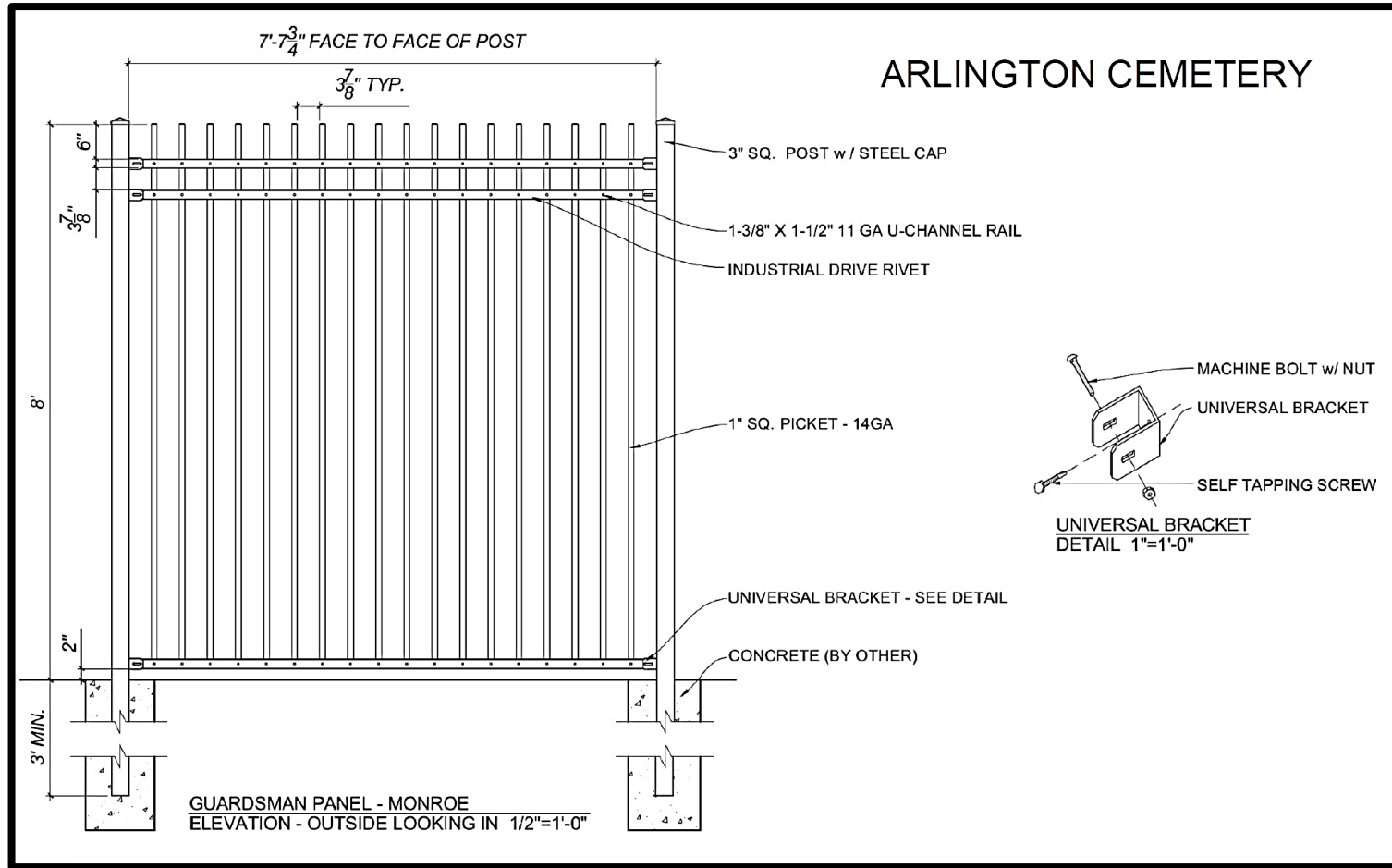


33. View southwest to tree area and south wing wall of Joint Base Myer-Henderson Hall (JBMHH) entrance gate from Marshall Drive. Security fence follows the trees line to the boundary wall, goes over the wall, and connects to the existing Security Fence recently installed by JBM-HH.



34. View south to tree area and south wing wall of Joint Base Myer-Henderson Hall (JBMHH) entrance gate from the intersection of Meade Street and Marshall Drive. Security fence follows the trees line to the boundary wall, goes over the wall, and connects to the existing Security Fence recently installed by JBM-HH.





Typical Security Fence Elevation and Details